

# Henk F Van Der Molen

## List of Publications by Year in descending order

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119  
papers

2,747  
citations

186209

28  
h-index

223716

46  
g-index

140  
all docs

140  
docs citations

140  
times ranked

2300  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effectiveness of Interventions for Preventing Injuries in the Construction Industry. <i>American Journal of Preventive Medicine</i> , 2008, 35, 77-85.	1.6	246
2	Psychosocial work environment and mental health among construction workers. <i>Applied Ergonomics</i> , 2013, 44, 748-755.	1.7	128
3	Work-related risk factors for specific shoulder disorders: a systematic review and meta-analysis. <i>Occupational and Environmental Medicine</i> , 2017, 74, 745-755.	1.3	113
4	Musculoskeletal disorders among construction workers: a one-year follow-up study. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 196.	0.8	108
5	Harmonized definition of occupational burnout: A systematic review, semantic analysis, and Delphi consensus in 29 countries. <i>Scandinavian Journal of Work, Environment and Health</i> , 2021, 47, 95-107.	1.7	103
6	Work-related psychosocial risk factors for stress-related mental disorders: an updated systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e034849.	0.8	71
7	Occupational demands and health effects for bricklayers and construction supervisors: A systematic review. <i>American Journal of Industrial Medicine</i> , 2011, 54, 55-77.	1.0	69
8	Effects of job rotation on musculoskeletal complaints and related work exposures: a systematic literature review. <i>Ergonomics</i> , 2015, 58, 18-32.	1.1	65
9	A research framework for the development and implementation of interventions preventing work-related musculoskeletal disorders. <i>Scandinavian Journal of Work, Environment and Health</i> , 2017, 43, 526-539.	1.7	65
10	Trends in incidence of occupational asthma, contact dermatitis, noise-induced hearing loss, carpal tunnel syndrome and upper limb musculoskeletal disorders in European countries from 2000 to 2012. <i>Occupational and Environmental Medicine</i> , 2015, 72, 294-303.	1.3	64
11	Psychometric properties of burnout measures: a systematic review. <i>Epidemiology and Psychiatric Sciences</i> , 2021, 30, e8.	1.8	63
12	WHO/ILO work-related burden of disease and injury: Protocol for systematic reviews of exposure to occupational ergonomic risk factors and of the effect of exposure to occupational ergonomic risk factors on osteoarthritis of hip or knee and selected other musculoskeletal diseases. <i>Environment International</i> , 2019, 125, 554-566.	4.8	61
13	The prevalence of occupational exposure to ergonomic risk factors: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. <i>Environment International</i> , 2021, 146, 106157.	4.8	54
14	Implementation of participatory ergonomics intervention in construction companies. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005, 31, 191-204.	1.7	54
15	Efficacy of adjusting working height and mechanizing of transport on physical work demands and local discomfort in construction work. <i>Ergonomics</i> , 2004, 47, 772-783.	1.1	50
16	History and future of ergonomics in building and construction. <i>Ergonomics</i> , 1997, 40, 1025-1034.	1.1	48
17	Working height, block mass and one- vs. two-handed block handling: the contribution to low back and shoulder loading during masonry work. <i>Ergonomics</i> , 2009, 52, 1104-1118.	1.1	48
18	The impact of common mental disorders on work ability in mentally and physically demanding construction work. <i>International Archives of Occupational and Environmental Health</i> , 2014, 87, 51-59.	1.1	44

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19	Predictors of Occupational Burnout: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9188.	1.2	44
20	Review on the validity of self-report to assess work-related diseases. <i>International Archives of Occupational and Environmental Health</i> , 2012, 85, 229-251.	1.1	43
21	The effectiveness of a construction worksite prevention program on work ability, health, and sick leave: results from a cluster randomized controlled trial. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013, 39, 456-467.	1.7	43
22	The effect of occupational exposure to ergonomic risk factors on osteoarthritis of hip or knee and selected other musculoskeletal diseases: A systematic review and meta-analysis from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. <i>Environment International</i> , 2021, 150, 106349.	4.8	41
23	A participatory ergonomics approach to redesign work of scaffolders. <i>Safety Science</i> , 1997, 26, 75-85.	2.6	37
24	Physical Effects of New Devices for Bricklayers. <i>International Journal of Occupational Safety and Ergonomics</i> , 2002, 8, 71-82.	1.1	31
25	Incidence rates of occupational diseases in the Dutch construction sector, 2010–2014: Table 1. <i>Occupational and Environmental Medicine</i> , 2016, 73, 350-352.	1.3	31
26	Work-relatedness of lumbosacral radiculopathy syndrome. <i>Neurology</i> , 2018, 91, 558-564.	1.5	31
27	Effect of block weight on work demands and physical workload during masonry work. <i>Ergonomics</i> , 2008, 51, 355-366.	1.1	30
28	Annual incidence of occupational diseases in economic sectors in The Netherlands: Table 1. <i>Occupational and Environmental Medicine</i> , 2012, 69, 519-521.	1.3	30
29	Interventions to prevent injuries in construction workers. <i>The Cochrane Library</i> , 2018, 2018, CD006251.	1.5	29
30	Meeting the Challenges of Implementing an Intervention to Promote Work Ability and Health-Related Quality of Life at Construction Worksites. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 1483-1491.	0.9	28
31	Better effect of the use of a needle safety device in combination with an interactive workshop to prevent needle stick injuries. <i>Safety Science</i> , 2011, 49, 1180-1186.	2.6	28
32	Interventions to prevent injuries in construction workers. <i>The Cochrane Library</i> , 2012, 12, CD006251.	1.5	27
33	Associations of screen work with neck and upper extremity symptoms: a systematic review with meta-analysis. <i>Occupational and Environmental Medicine</i> , 2019, 76, 502-509.	1.3	27
34	Interventions for preventing injuries in the construction industry. , 2007, , CD006251.		25
35	Use of Ergonomic Measures Related to Musculoskeletal Complaints among Construction Workers: A 2-year Follow-up Study. <i>Safety and Health at Work</i> , 2015, 6, 90-96.	0.3	25
36	Evaluation of methods to assess push/pull forces in a construction task. <i>Applied Ergonomics</i> , 2001, 32, 509-516.	1.7	24

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37	Intervention Mapping as a Framework for Developing an Intervention at the Worksite for Older Construction Workers. <i>American Journal of Health Promotion</i> , 2011, 26, e1-e10.	0.9	23
38	Functional characteristics of rat gastrocnemius and tibialis anterior muscles during growth. <i>Journal of Morphology</i> , 1987, 194, 75-84.	0.6	22
39	The use of ergonomic measures and musculoskeletal complaints among carpenters and pavers in a 4.5-year follow-up study. <i>Ergonomics</i> , 2009, 52, 954-963.	1.1	21
40	Ergonomics in building and construction: Time for implementation. <i>Applied Ergonomics</i> , 2005, 36, 387-389.	1.7	20
41	Evidence-based exposure criteria for workrelated musculoskeletal disorders as a tool to assess physical job demands. <i>Work</i> , 2012, 41, 3795-3797.	0.6	20
42	World at work: Bricklayers and bricklayers' assistants. <i>Occupational and Environmental Medicine</i> , 2004, 61, 89-93.	1.3	19
43	Improving the assessment of occupational diseases by occupational physicians. <i>Occupational Medicine</i> , 2017, 67, 13-19.	0.8	19
44	Determinants of Burnout among Teachers: A Systematic Review of Longitudinal Studies. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5776.	1.2	19
45	Behavioural change phases of different stakeholders involved in the implementation process of ergonomics measures in bricklaying. <i>Applied Ergonomics</i> , 2005, 36, 449-459.	1.7	18
46	Incidence of low back pain related occupational diseases in the Netherlands. <i>European Journal of Pain</i> , 2014, 18, 873-882.	1.4	18
47	Allergic contact dermatitis caused by 2-hydroxyethyl methacrylate and ethyl cyanoacrylate contained in cosmetic glues among hairdressers and beauticians who perform nail treatments and eyelash extension as well as hair extension applications: A systematic review. <i>Contact Dermatitis</i> , 2022, 86, 480-492.	0.8	18
48	Effectiveness of measures and implementation strategies in reducing physical work demands due to manual handling at work. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005, 31 Suppl 2, 75-87.	1.7	18
49	Occupational Exposure of Hairdressers to Airborne Hazardous Chemicals: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4176.	1.2	16
50	Validity of estimates of spinal compression forces obtained from worksite measurements. <i>Ergonomics</i> , 2010, 53, 792-800.	1.1	15
51	When is job rotation perceived useful and easy to use to prevent work-related musculoskeletal complaints?. <i>Applied Ergonomics</i> , 2015, 51, 205-210.	1.7	15
52	Prevalence and incidence of hand eczema in hairdressers: A systematic review and meta-analysis of the published literature from 2000-2021. <i>Contact Dermatitis</i> , 2022, 86, 254-265.	0.8	15
53	Exploring Study Designs for Evaluation of Interventions Aimed to Reduce Occupational Diseases and Injuries. <i>Safety and Health at Work</i> , 2016, 7, 83-85.	0.3	13
54	Occupational Diseases among Workers in Lower and Higher Socioeconomic Positions. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2849.	1.2	13

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55	Optimizing implementation of interventions in agriculture for occupational upper extremity musculoskeletal disorders: Results of an expert panel. <i>Work</i> , 2018, 61, 413-420.	0.6	13
56	A prevention strategy for reducing gypsum bricklayers' physical workload and increasing productivity. <i>International Journal of Industrial Ergonomics</i> , 1998, 21, 59-68.	1.5	12
57	A trial of a job-specific workers' health surveillance program for construction workers: study protocol. <i>BMC Public Health</i> , 2011, 11, 743.	1.2	12
58	Improving occupational health care for construction workers: a process evaluation. <i>BMC Public Health</i> , 2013, 13, 218.	1.2	12
59	Association between Work and Chronic Obstructive Pulmonary Disease (COPD). <i>Journal of Clinical Medicine</i> , 2018, 7, 335.	1.0	12
60	Work-relatedness of lateral epicondylitis: Systematic review including meta-analysis and GRADE work-relatedness of lateral epicondylitis. <i>American Journal of Industrial Medicine</i> , 2022, 65, 41-50.	1.0	12
61	The evaluation of smaller plasterboards on productivity, work demands and workload in construction workers. <i>Applied Ergonomics</i> , 2007, 38, 681-686.	1.7	11
62	Evaluation of team lifting on work demands, workload and workers' evaluation: An observational field study. <i>Applied Ergonomics</i> , 2014, 45, 1597-1602.	1.7	11
63	Diagnostic criteria for musculoskeletal disorders for use in occupational healthcare or research: a scoping review of consensus- and synthesised-based case definitions. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 169.	0.8	11
64	Conceptual framework for the implementation of interventions in the construction industry. <i>Scandinavian Journal of Work, Environment and Health</i> , 2005, 31 Suppl 2, 96-103.	1.7	11
65	Is the use of ergonomic measures associated with behavioural change phases?. <i>Ergonomics</i> , 2006, 49, 1-11.	1.1	10
66	Does team lifting increase the variability in peak lumbar compression in ironworkers?. <i>Work</i> , 2012, 41, 4171-4173.	0.6	10
67	Response rate of bricklayers and supervisors on an internet or a paper-and-pencil questionnaire. <i>International Journal of Industrial Ergonomics</i> , 2012, 42, 178-182.	1.5	10
68	How to improve the assessment of the impact of occupational diseases at a national level? The Netherlands as an example. <i>Occupational and Environmental Medicine</i> , 2019, 76, 30-32.	1.3	10
69	Differences between hairdressers and consumers in skin exposure to hair cosmetic products: A review. <i>Contact Dermatitis</i> , 2022, 86, 333-343.	0.8	10
70	The longitudinal relationship between the use of ergonomic measures and the incidence of low back complaints. <i>American Journal of Industrial Medicine</i> , 2010, 53, 635-640.	1.0	9
71	Online reporting and assessing new occupational health risks in SIGNAAL. <i>Occupational Medicine</i> , 2015, 65, 638-641.	0.8	9
72	Annual incidence of non-specific low back pain as an occupational disease attributed to whole-body vibration according to the National Dutch Register 2005-2012. <i>Ergonomics</i> , 2015, 58, 1232-1238.	1.1	9

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73	The process evaluation of two alternative participatory ergonomics intervention strategies for construction companies. <i>Ergonomics</i> , 2018, 61, 1156-1172.	1.1	9
74	The Implementation of Workers'™ Health Surveillance by Occupational Physicians. <i>Journal of Occupational and Environmental Medicine</i> , 2019, 61, e497-e502.	0.9	9
75	What work-related exposures are associated with post-traumatic stress disorder? A systematic review with meta-analysis. <i>BMJ Open</i> , 2021, 11, e049651.	0.8	9
76	Respiratory toxicity of persulphate salts and their adverse effects on airways in hairdressers: a systematic review. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1679-1702.	1.1	9
77	Interventions to prevent needle stick injuries among health care workers. <i>Work</i> , 2012, 41, 1969-1971.	0.6	8
78	Evaluation of two working methods for screed floor layers on musculoskeletal complaints, work demands and workload. <i>Ergonomics</i> , 2013, 56, 69-78.	1.1	8
79	Stand up: comparison of two electrical screed levelling machines to reduce the work demands for the knees and low back among floor layers. <i>Ergonomics</i> , 2016, 59, 1224-1231.	1.1	8
80	Occupational COVID-19: what can be learned from notifications of occupational diseases?. <i>Occupational and Environmental Medicine</i> , 2021, 78, 464-464.	1.3	8
81	Protocol for a systematic review on systemic and skin toxicity of important hazardous hair and nail cosmetic ingredients in hairdressers. <i>BMJ Open</i> , 2021, 11, e050612.	0.8	8
82	Evaluation of the effect of a paver's™ trolley on productivity, task demands, workload and local discomfort. <i>International Journal of Industrial Ergonomics</i> , 2011, 41, 59-63.	1.5	6
83	Guidance strategies for a participatory ergonomic intervention to increase the use of ergonomic measures of workers in construction companies: a study design of a randomised trial. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 132.	0.8	6
84	Lumbar compression forces while lifting and carrying with two and four workers. <i>Applied Ergonomics</i> , 2015, 50, 56-61.	1.7	6
85	Evaluation of the effects of two alternative participatory ergonomics intervention strategies for construction companies. <i>Ergonomics</i> , 2019, 62, 42-51.	1.1	6
86	Adapting Citizen Science to Improve Health in an Occupational Setting: Preliminary Results of a Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4917.	1.2	6
87	<i>Stratum corneum</i> biomarkers after <i>in vivo</i> repeated exposure to sub-erythemal dosages of ultraviolet radiation in unprotected and sunscreen (SPF 50+) protected skin. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2022, 38, 60-68.	0.7	6
88	Assessing the quality of evidence in studies estimating prevalence of exposure to occupational risk factors: The QoE-SPEO approach applied in the systematic reviews from the WHO/ILO Joint Estimates of the Work-related Burden of Disease and Injury. <i>Environment International</i> , 2022, 161, 107136.	4.8	6
89	A system to test the ground surface conditions of construction sites'™ for safe and efficient work without physical strain. <i>Applied Ergonomics</i> , 2005, 36, 441-448.	1.7	5
90	Evaluation of three ergonomic measures on productivity, physical work demands, and workload in gypsum bricklayers. <i>American Journal of Industrial Medicine</i> , 2010, 53, 608-614.	1.0	5

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91	Preventive Actions Taken by Workers After Workers' Health Surveillance. <i>Journal of Occupational and Environmental Medicine</i> , 2013, 55, 1401-1408.	0.9	5
92	Strategies to reduce safety violations for working from heights in construction companies: study protocol for a randomized controlled trial. <i>BMC Public Health</i> , 2014, 14, 541.	1.2	5
93	Perceived barriers and facilitators in the assessment of occupational diseases. <i>Occupational Medicine</i> , 2018, 68, 555-558.	0.8	5
94	Supporting Occupational Physicians in the Implementation of Workers' Health Surveillance: Development of an Intervention Using the Behavior Change Wheel Framework. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1939.	1.2	5
95	Writing a Cochrane systematic review on preventive interventions to improve safety: the case of the construction industry. <i>Medicina Del Lavoro</i> , 2009, 100, 258-67.	0.3	5
96	Towards harmonisation of case definitions for eight work-related musculoskeletal disorders - an international multi-disciplinary Delphi study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1018.	0.8	5
97	Skin Toxicity of Selected Hair Cosmetic Ingredients: A Review Focusing on Hairdressers. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7588.	1.2	5
98	Reasons for Applying Innovations for Scaffolding Work. <i>International Journal of Occupational Safety and Ergonomics</i> , 2003, 9, 161-175.	1.1	4
99	Developing a Best-Evidence Pre-employment Medical Examination: An Example from the Construction Industry. <i>Safety and Health at Work</i> , 2014, 5, 165-167.	0.3	4
100	Trends in occupational diseases in the Italian agricultural sector, 2004-2017. <i>Occupational and Environmental Medicine</i> , 2020, 77, 340-343.	1.3	4
101	Protection Against Solar Ultraviolet Radiation in Outdoor Construction Workers: Study Protocol for a Non-randomized Controlled Intervention Study. <i>Frontiers in Public Health</i> , 2021, 9, 602933.	1.3	4
102	The evaluation of team lifting on physical work demands and workload in ironworkers. <i>Work</i> , 2012, 41, 3771-3773.	0.6	3
103	Workers' health surveillance targeting mental health: evaluation of a training. <i>Occupational Medicine</i> , 2022, 72, 244-247.	0.8	3
104	Do overweight/obesity and low levels of leisure-time vigorous physical activity moderate the effect of occupational physical activity on self-rated health of construction workers?. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 465-475.	1.1	3
105	Occupational Diseases: From Cure to Prevention. <i>Journal of Clinical Medicine</i> , 2019, 8, 1681.	1.0	2
106	Work-relatedness of inguinal hernia: a systematic review including meta-analysis and GRADE. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 943-950.	0.9	2
107	Comments on Sancini et al.. <i>Occupational Medicine</i> , 2012, 62, 667-668.	0.8	1
108	National evaluation of strategies to reduce safety violations for working from heights in construction companies: results from a randomized controlled trial. <i>BMC Public Health</i> , 2015, 16, 19.	1.2	1

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109	1632â€¦Comparison of diagnostic criteria for occupational upper extremity disorders between countries. , 2018, , .		1
110	Work Disabling Nerve Injury at Both Elbows Due to Laptop Use at Flexible Workplaces inside an Office: Case-Report of a Bilateral Ulnar Neuropathy. International Journal of Environmental Research and Public Health, 2020, 17, 9529.	1.2	1
111	Risk communication about work-related stress disorders in healthcare workers: a scoping review. International Archives of Occupational and Environmental Health, 2022, 95, 1195-1208.	1.1	1
112	Stimulating Sunscreen Use Among Outdoor Construction Workers: A Pilot Study. Frontiers in Public Health, 2022, 10, 857553.	1.3	1
113	Response to "Ergonomic Intervention For Musculoskeletal Disorders in Construction Workers", Safety and Health at Work, 2016, 7, 256.	0.3	0
114	0031â€¦Work-related physical risk factors for specific shoulder disorders: systematic review and meta-analysis. , 2017, , .		0
115	Development of an e-learning prototype for assessing occupational stress-related disorders: a qualitative study. BMC Medical Education, 2019, 19, 305.	1.0	0
116	Commentary. Scandinavian Journal of Work, Environment and Health, 2013, 39, 421-422.	1.7	0
117	Systematic Reviews as Evidence-Base for Dutch Guidelines to Assess Musculoskeletal Disorders as Occupational Disease: Examples of Shoulder, Knee and Low Back Disorders. Advances in Intelligent Systems and Computing, 2019, , 19-21.	0.5	0
118	Effectiveness of Interventions for Preventing Injuries in the Construction Industry: Results of an Updated Cochrane Systematic Review. Advances in Intelligent Systems and Computing, 2019, , 438-440.	0.5	0
119	Evaluation of Participatory Strategies on the Use of Ergonomic Measures and Costs. Advances in Intelligent Systems and Computing, 2019, , 435-437.	0.5	0